## **CLAIM**

An automated tube handler system comprising:

a tube handler having:

an XYZ head transport mechanism with a pick having a four pick fingers.

a bed tray having a support structure that supports a plurality of tube racks in an array:

a controller having a tube management program wherein tubes from any one location in an array of tube racks can be removed by the pick head and placed in any other vacant location in the array of tube racks.